

# Conservation recommendations for *Glymptemys Insculpta*



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Iowa DNR- Big Marsh

**Part I: Overview of Business**

- Iowa Department of Natural Resources- Big Marsh
- Manages cropland and grazing areas to attract waterfowl during migration and to conserve other wildlife

**Part II: Job Specifics**

The DNR is involved in wildlife conservation but often does not have the time to do their own research on conservation practices. Therefore, they rely on university research groups to help them determine best conservation practices.

**Part III: Introduce the Problem**

- *Glymptemys Insculpta* also known as the Wood Turtle is an endangered species in Iowa.
- Students will analyze mortality rates of Wood Turtles in order to provide conservation recommendations to the DNR.

**Part IV: Background**

- Students need to be able to interpret graphs and data sets.
- Students need to be able to read articles for information related to Wood Turtles.
- Students will need to research habitat of the Wood Turtle

**Part V: Business Solution**

The business would look to university research teams to provide them a recommendation.

**Part VI: Student Solutions**

Students will provide the recommendations to the business. Solutions will vary due to the creative aspect of this project.